

ELECTRICAL GENERAL NOTES

- 1. THE DRAWINGS APPROXIMATE THE SIZE AND DETAIL OF THE EXISTING CONDITIONS AND THIS SHOULD NOT BE INTERPRETED TO BE A PRECISE REPRESENTATION. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. THIS VISIT SHALL BE MADE PRIOR TO SUBMITTING A BID FOR THE WORK OF THIS CONTRACT.
- FURNISH AND INSTALL ALL REQUIRED CONDUITS, WIRES, CABLES, FITTINGS, BOXES, HARDWARE, ETC. IN ORDER TO MAKE A COMPLETE ELECTRICAL SYSTEM READY FOR OPERATION. CONDUITS SHALL BE RUN IN THE LEAST OBTRUSIVE MANNER POSSIBLE.
- 3. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT THE PASSAGE OF CONDUITS. THE CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN WITH LOCATIONS AND SIZES OF PENETRATIONS FOR REVIEW AND APPROVAL OF THE RESIDENT ENGINEER PRIOR TO ROUGH-IN.
- 4. AT THE COMPLETION OF INSTALLATIONS, THE CONTRACTOR SHALL FILL IN AND WATERPROOF OR FIRESTOP ALL PENETRATIONS WITH MATERIALS PER THE SPECIFICATIONS. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL HAVE A FIRE STOPPING MATERIAL THAT MEETS OR EXCEEDS THE RATING OF THE ASSEMBLY.

FEEDER RUNS CONTINUOUS (I.E. NO CABLE BREAKS). IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE AN INSULATED

5. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL ALL

MECHANICAL SPLICE BLOCK ASSEMBLY.

- 6. ALL WIRING METHODS FOR THIS PROJECT SHALL BE INSTALLED IN COMPLETE ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE., ARTICLE 300. ALL WIRING SHALL BE INSTALLED IN A UL LISTED METHOD.
- 7. THE CONTRACTOR SHALL X-RAY ALL FLOORS PRIOR TO CORE DRILLING FOR NEW PENETRATIONS.

KEY NOTES

- NEW DRY TYPE TRANSFORMER. MAKE FINAL CONNECTIONS WITH EXISTING CONDUCTORS.
- NEW WATERTIGHT CONDUIT AND COUPLING CONNECTION
 TO EXISTING CONDUIT. PATCH CONCRETE TO MATCH
 EXISTING.

 3 NEW MAIN SERVICE PANELBOARD.
- install and make final connections to new switch and lighting fixture.
- NEW PANEL IN EXISTING PANEL LOCATION. MAKE FINAL CONNECTIONS TO NEW CIRCUIT BREAKERS FOR ALL EXISTING CONDUCTORS.
- 6 INTERCEPT AND EXTEND EXISTING CONDUIT WITH NEW CONDUCTORS TO NEW MAIN PANEL.
- PROVIDE BLANK COVER PLATE AT EXISTING JUNCTION BOX IN CEILING.

8 PROVIDE NEW 3/4" DIA. X 8'-0" CU DRIVEN GROUND ROD.

AND AREAS AFFECTED.

• FOR ALL ADDITIONAL M.O.P. DIRECTIONS, REFER TO SPECIFICATIONS.

METHOD OF PROCEDURE

(M.O.P.) REQUIRED

M.O.P SHALL INCLUDE THE FOLLOWING:

OUTAGES AND DURATIONS.

STEP BY STEP METHOD OF EQUIPMENT REPLACEMENT.

SEQUENCE OF STEPS TO COMPLETE WORK.

TEMPORARY GENERATOR / POWER REQUIRED

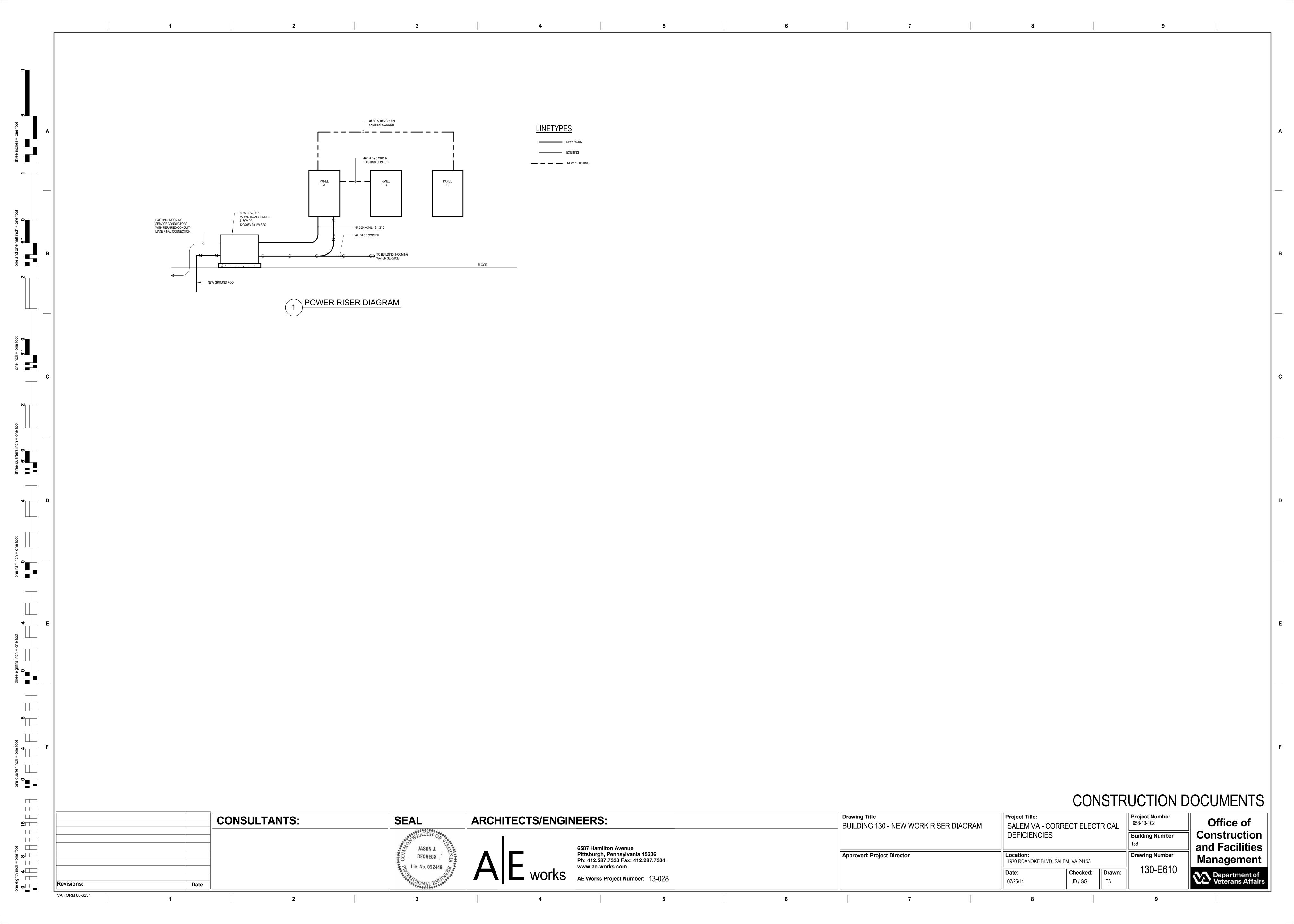
NOTIFICATION AND APPROVAL BY VA PERSONNEL.

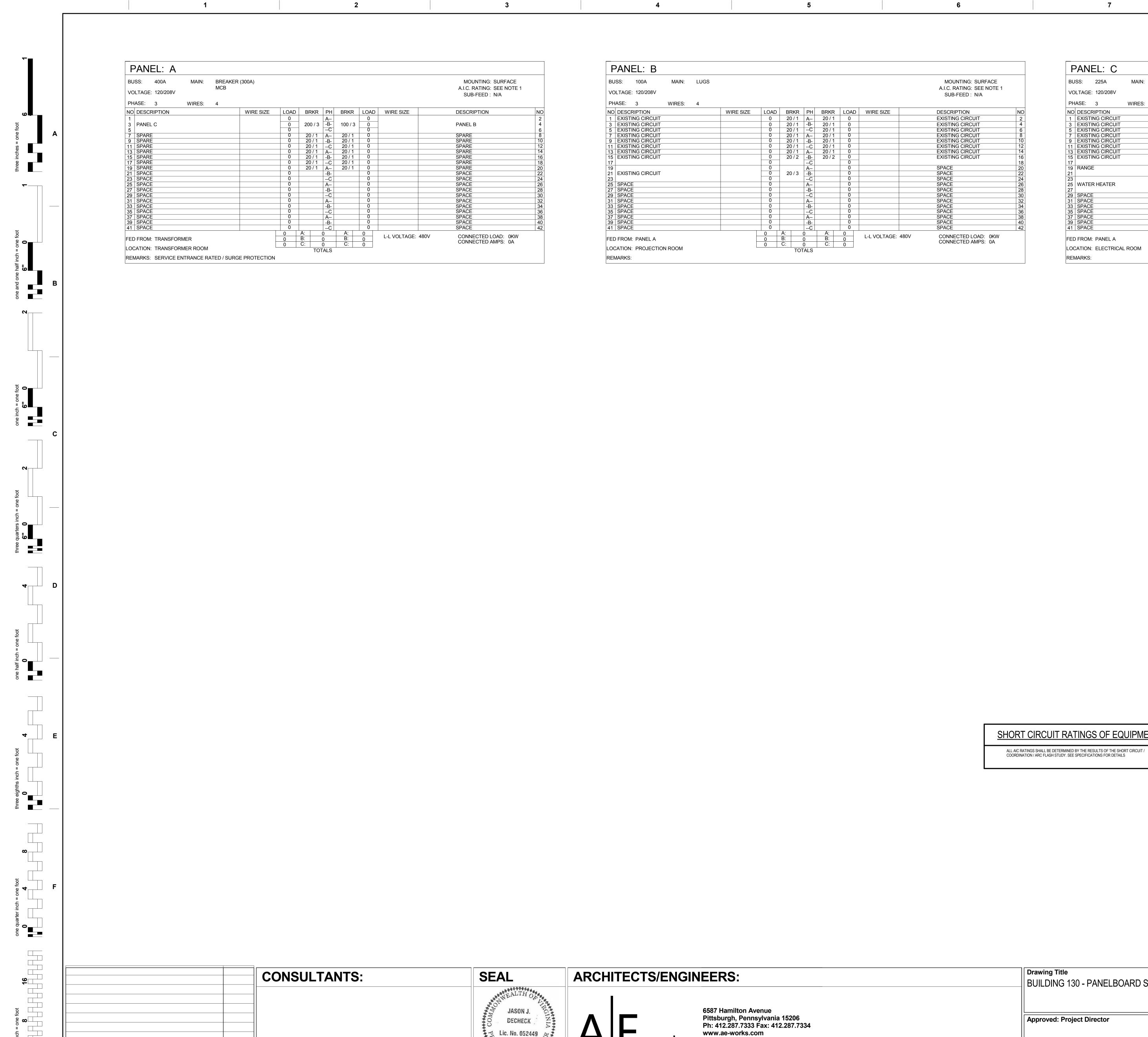
NOTE: NO WORK SHALL BE PERMITTED ON ANY ENERGIZED EQUIPMENT.



CONSTRUCTION DOCUMENTS

	CONSULTANTS:	SEAL	ARCHITECTS/ENGINEERS:	Drawing Title BUILDING 130 - ELECTRICAL NEW WORK PLAN	Project Title: SALEM VA - CORRECT ELECTRICAL	Project Number 658-13-102	Office of
		JASON J. DECHECK JASON J. Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334	6597 Hamilton Avenue		DEFICIENCIES	Building Number	Construction and Facilities
			Approved: Project Director	Location: 1970 ROANOKE BLVD. SALEM, VA 24153	Drawing Number	Management	
Revisions:	Date	Lic. No. 052449	Www.ae-works.com AE Works Project Number: 13-028		Date: Checked: Drawn: 07/25/14 JD TA	130-E300	Department of Veterans Affair





VA FORM 08-6231

PANEL: C BUSS: 225A MAIN: LUGS MOUNTING: SURFACE A.I.C. RATING: SEE NOTE 1 SUB-FEED: N/A VOLTAGE: 120/208V PHASE: 3 WIRES: 4 WIRE SIZE LOAD BRKR PH BRKR LOAD WIRE SIZE

0 20/1 A-- 20/1 0

0 20/1 -B- 20/1 0

0 20/1 --C 20/1 0

0 20/1 A-- 20/1 0

0 20/1 A-- 20/1 0

0 20/1 A-- 20/1 0

0 20/1 -B- 20/1 0

0 20/1 -B- 20/1 0

0 15/1 A-- 0

0 60/2 -B- 0

0 ---C NO DESCRIPTION DESCRIPTION EXISTING CIRCUIT EXISTING CIRCUIT EXISTING CIRCUIT **EXISTING CIRCUIT** EXISTING CIRCUIT EXISTING CIRCUIT EXISTING CIRCUIT EXISTING CIRCUIT EXISTING CIRCUIT EXISTING CIRCUIT 9 EXISTING CIRCUIT 1 EXISTING CIRCUIT 13 EXISTING CIRCUIT 15 EXISTING CIRCUIT EXISTING CIRCUIT 19 RANGE 40/3 WATER HEATER 40 / 3 A--25 WATER HEATER SPACE 31 SPACE 33 SPACE 35 SPACE 37 SPACE 39 SPACE 41 SPACE 0 A: 0 A: 0 0 B: 0 B: 0 0 C: 0 C: 0 CONNECTED LOAD: 0KW FED FROM: PANEL A CONNECTED AMPS: 0A LOCATION: ELECTRICAL ROOM

SHORT CIRCUIT RATINGS OF EQUIPMENT

REMARKS:

1. AS DETERMINED BY STUDY. 2. ALL REPLACEMENT PANELBOARDS SHALL HAVE A TYPEWRITTEN DIRECTORY TO MATCH THE DIRECTORY OF THE PANEL THAT WAS REPLACED

GENERAL PANEL NOTES:

CONSTRUCTION DOCUMENTS

	CONSULTANTS:	SEAL JASON J. DECHECK Lic. No. 052449 Lic. No. 052449 ARCHITECTS/ENGINEERS: 6587 Hamilton Avenue Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334 www.ae-works.com	ARCHITECTS/ENGINEERS:	BUILDING 130 - PANELBOARD SCHEDULES	Project Title: SALEM VA - CORRECT ELECTRICAL	Project Number 658-13-102	Office of Construction and Facilities	
			6597 Hamilton Avenue		DEFICIENCIES	Building Number 138		
			Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334	Approved: Project Director	Location: 1970 ROANOKE BLVD. SALEM, VA 24153	Drawing Number	Management	
Revisions: Date		ONAL ENCIPE	WORKS AE Works Project Number: 13-028		Date: Checked: Dr 07/25/14 JD / GG R	130-E700	Department of Veterans Affair	